

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L7	6649	((414/143.2,137.5,141.5,142.6,785,788.2,792.9,307,560,458,561,459,460,461,667,236,239,139.6,140.4) or (114/72,75,72) or (212/307) or (104/89,91,96,106,48) or (294/81.1,81.4,67.5)).CCL.S.	US- PGPUB; USPAT; USOCR	OR	OFF	2009/12/10 09:51
L8	204	/7 @PD> "20061201"	US- PGPUB; USPAT; USOCR	AND	ON	2009/12/10 09:51
L11	168	(BENEDICT, CHARLES).in.	US- PGPUB; USPAT; USOCR	AND	ON	2009/12/10 10:04

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L10	0	material handling storage system storage shipping containers a structure defining a plurality of vertical cells each cell having a plurality of tier levels and being of a size to cooperatively receive a storage and shipping container at each tier level a grid track system mounted in spaced relationship above a plurality of vertical cells and having a plurality of first pairs of parallel tracks extending transversely with respect to and intersecting with a plurality of second pairs of parallel tracks in an X-Y pattern and which first and second tracks define openings at each intersection thereof a transfer unit moveably mounted in suspended relationship from said grid track system so as to be suspended from a transfer unit including a plurality of carriage means for suspending a transfer unit from a grid track system so as to be selectively moveable along a pair of said plurality of first pairs of parallel tracks for movement in a first longitudinal direction directly above each of said plurality of said vertical cells and being selectively moveable along a pair of said plurality of second pairs of parallel tracks for movement in a second direction which is transverse to a first direction directly above each of said plurality of vertical cells an arrangement of a grid track system being such that a transfer unit is centered over a vertical cell when adjacent intersections of pairs of first and second parallel tracks and such that a transfer unit is centered by being movable in either a first or second direction a transfer unit including drive means for moving said at least one transfer unit along said grid track system so as to be moveable in a horizontal plane in both forward to back and side to side motions within a horizontal plane directly above each vertical cell a spreader beam hoist means carried by a transfer unit for raising and lowering a spreader beam a guide member extending between a spreader beam and a transfer unit to stabilize a spreader beam with respect to a transfer unit means for providing electrical power to a drive means of a transfer unit	USPAT; UPAD	AND	ON	2009/12/10 09:53

12/10/2009 10:05:48 AM

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